

**Mining Matters** is a charitable organization dedicated to bringing knowledge and awareness about Canada's geology and mineral resources to students, educators and the public. The organization provides current information about rocks, minerals, metals, mining and the diverse career opportunities available in the minerals industry. **Mining Matters** offers exceptional educational resources that meet provincial curriculum expectations. Core to the program are the **Mining Matters** educational resources, created by educators and Earth science experts.

**Mining Matters** has reached an estimated 650,000 teachers, students and members of the public since its inception in 1994.

#### What We Do

*Indigenous Communities Education and Outreach Programs* open a world of opportunities to Indigenous communities.

*Teacher Training and School Programs* bring Earth science to life in classrooms across Canada.

*Public Outreach Programs* spark interest in Earth science learning in people of all ages.

**Mining Matters** develops and implements programs with the help of sponsorships, donations and in-kind contributions from the mineral exploration, mining and aggregate industries, individuals, foundations, corporations and governments.

For more information email:  
[info@miningmatters.ca](mailto:info@miningmatters.ca)

## Mining Matters to You

#### Annual Publications

- **Mining Matters** Industry Newsletter – highlights programs and activities
- *groundWORK* – news and activities for educators and students

#### Teaching Resources for the Classroom

- Junior: *Deeper and Deeper*
- Intermediate: *The Earth's Crust*
- Senior: *Discovering Diamonds*

To receive copies of our publications, learn more, or access resources and educational opportunities for your classroom or community, contact us at:

#### Mining Matters

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 [@MiningMattersCA](https://twitter.com/MiningMattersCA)

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 [slideshare.net/MiningMatters](https://slideshare.net/MiningMatters)



Charitable Registration Number 88775 6435 RR0001



Discover • Explore • Educate • Respect

# Teacher Training and School Programs

# Mining Matters Brings Earth Science to Life in Your Classroom

## Teacher Training and School Programs

**Mining Matters** hands-on approach and unique activities excite teachers and students across Canada, from junior to senior levels, about the importance of rocks, metals, minerals, mining, Canada's geology and the diverse career opportunities available in the minerals industry.

Our teaching resources for the classroom, developed by teachers for teachers, meet provincial Earth science and geography curriculum mandates and guidelines:

- Junior/Elementary school:  
*Deeper and Deeper*
- Intermediate/Middle school:  
*The Earth's Crust*
- Senior/Secondary school:  
*Discovering Diamonds*

Resource kits are available, in English or French, through a prerequisite three-hour in-service workshop, hosted by a school board or teacher organization. Workshops can be arranged for between 10 and 24 teachers, anywhere in Canada with four weeks prior notice. Across Canada, our expert program facilitators help teachers and students get the most out of their Earth science curriculum.

## Learning through Competition



Get your students involved in the WHERE Challenge, a nation-wide contest that promotes awareness of non-renewable resources. It asks young Canadians aged 9 to 14 to creatively demonstrate "What on Earth is in your stuff?" and "Where on Earth does it come from?" The WHERE Challenge is an engaging project that is as entertaining as it is educational and open to both English and French submissions.

For more information, visit [www.earthsciencescanada.com/where](http://www.earthsciencescanada.com/where)

Follow us on Twitter @WHEREChallenge.



## Connecting with Industry

In March **Mining Matters** presents a unique professional development opportunity for teachers as well as education programs for elementary and secondary students, at the Prospectors and Developers Association of Canada (PDAC) International Convention, Trade Show and Investors Exchange in Toronto.

The convention is the event of choice for the world's mineral industry. Teachers and students visit the Trade Show, meet exhibitors and experience the immense scope of the mineral exploration and mining industry.

Registration for the Teacher's Day at the PDAC Convention is available on the **Mining Matters** website. Teachers interested in attending the PDAC Convention with their classes are invited to email [schoolprograms@miningmatters.ca](mailto:schoolprograms@miningmatters.ca).

### Mine Tours for Educators

See what's beneath the surface this summer as **Mining Matters** and the Canadian Ecology Centre invite educators to participate in the Mineral Resources and Mining Education Tours. The tours provide opportunities for educators to experience the industry first-hand and learn about Earth sciences, mineral resources, mining, sustainability, and careers.



### Rocks + Kids = Opportunities

**Mining Matters** is offering Earth science and mineral resources education workshops in Greater Toronto Area schools facing socioeconomic barriers. *Rocks + Kids = Opportunities* provides grade 4 classes with an engaging 50 to 75-minute workshop delivered by a **Mining Matters** Educator. The workshop includes a set of teacher resources and student handouts.

## Resources for You

### Publications

Browse our annual Educator Newsletter *groundWORK* for current information, activities and additional learning opportunities for educators and students. Our *Mining Makes It Happen* series of posters relate rocks, minerals and mining to daily life. The *What is a Mine?* colouring book uses pictures and a story enhanced by activities to teach about mining and the **Mining Matters Activity Book** invites you to complete a puzzle or word search while learning about mineral properties.

### MiningMatters.ca

Spend time on our website to discover a wealth of resources that connect rocks, metals, minerals and mining to your Earth science curriculum. Look for field trip ideas, lesson plans, audio visual materials, rocks, minerals and mining information, contests, games and quizzes, career information and more.

### Field Trip Subsidies

Take advantage of our Field Trip Subsidies to enrich Earth science learning. We provide up to \$500 per trip to help offset the cost of transportation and entrance fees to stone, sand and gravel, mining and geoscience venues.

*Mining Matters  
to Everyone!*